Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF120022.D
Acq On : 16 Apr 2020 5:07
Operator : MA/SJ
Sample : L2261-04MS
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCQ-632MS

Manual Integrations APPROVED
mohammad
4/16/2020 12:53:10 PM

Quant Time: Apr 16 08:09:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137130	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	557297	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	318977	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	598309	20.00	ng		0.00
76) Chrysene-d12	13.90	240	359523	20.00	ng		0.00
87) Perylene-d12	15.32	264	292968	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	410145	51.69	ng		0.00
7) Phenol-d6	6.36	99	330911	32.36	ng		-0.01
23) Nitrobenzene-d5	7.30	82	1093214	101.48	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	325367	83.31	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	2016101	89.74	ng		0.00
79) Terphenyl-d14	12.85	244	2206342	103.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	67428	19.079	ng		98
3) Pyridine	3.12	79	128370	13.239	ng		96
4) n-Nitrosodimethylamine	3.06	42	110909	22.386	ng		96
6) Aniline	6.39	93	209631	15.621	ng		98
8) 2-Chlorophenol	6.51	128	402960	45.451	ng		98
9) Benzaldehyde	6.27	77	240448	47.481	ng		99
10) Phenol	6.37	94	204618	17.640	ng		94
11) bis(2-Chloroethyl)ether	6.46	93	486302	54.297	ng		99
12) 1,3-Dichlorobenzene	6.66	146	390271	40.208	ng		99
13) 1,4-Dichlorobenzene	6.74	146	426127	43.098	ng		99
14) 1,2-Dichlorobenzene	6.90	146	425013	46.642	ng		97
15) Benzyl Alcohol	6.87	79	296005	37.274	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	939749	53.921	ng		97
17) 2-Methylphenol	6.99	107	294296	37.196	ng		94
18) Hexachloroethane	7.24	117	153707	41.597	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	401202	61.020	ng		99
20) 3+4-Methylphenols	7.15	107	324956	33.581	ng		95
22) Acetophenone	7.14	105	755277	57.875	ng	#	96
24) Nitrobenzene	7.32	77	583235	53.820	ng		97
25) Isophorone	7.55	82	1055309	50.819	ng		99
26) 2-Nitrophenol	7.63	139	263698	48.707	ng		98
27) 2,4-Dimethylphenol	7.67	122	373475	45.739	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	656587	53.732	ng		100
29) 2,4-Dichlorophenol	7.87	162	387938	46.350	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	382131	40.294	ng		97
31) Naphthalene	8.03	128	1325681	45.213	ng		99
32) Benzoic acid	7.77	122	107758m	15.026	ng		
33) 4-Chloroaniline	8.09	127	180458	14.137	ng		97
34) Hexachlorobutadiene	8.15	225	189149	33.319	ng		98
35) Caprolactam	8.47	113	23196m	9.060	ng		
36) 4-Chloro-3-methylphenol	8.57	107	402855	44.458	ng		95
37) 2-Methylnaphthalene	8.73	142	930022	46.785	ng		99
38) 1-Methylnaphthalene	8.83	142	904006	48.248	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	433591	43.038	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	392204	68.461 ng	99
43) 2,4,6-Trichlorophenol	9.00	196	301865	43.390 ng	100
44) 2,4,5-Trichlorophenol	9.05	196	319306	40.750 ng	98
46) 1,1'-Biphenyl	9.19	154	1204330	44.732 ng	98
47) 2-Chloronaphthalene	9.22	162	931969	44.935 ng	97
48) 2-Nitroaniline	9.32	65	331487	44.104 ng	95
49) Acenaphthylene	9.63	152	1566364	49.659 ng	100
50) Dimethylphthalate	9.50	163	1401488	56.804 ng	99
51) 2,6-Dinitrotoluene	9.56	165	280501	51.917 ng	90
52) Acenaphthene	9.80	154	1152731m	54.786 ng	
53) 3-Nitroaniline	9.73	138	129028	20.910 ng	100
54) 2,4-Dinitrophenol	9.84	184	265318	82.023 ng	96
55) Dibenzofuran	9.98	168	1477656	51.177 ng	100
56) 4-Nitrophenol	9.90	139	153688	33.474 ng	96
57) 2,4-Dinitrotoluene	9.96	165	363793	51.107 ng	94
58) Fluorene	10.32	166	1147707	49.703 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	292830	48.863 ng	98
60) Diethylphthalate	10.20	149	1317930	51.539 ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	555168	46.908 ng	98
62) 4-Nitroaniline	10.35	138	203679	34.636 ng	99
63) Azobenzene	10.47	77	1205142	52.588 ng	98
65) 4,6-Dinitro-2-methylphenol	10.37	198	181657	46.086 ng	88
66) n-Nitrosodiphenylamine	10.44	169	1034214	51.976 ng	98
67) 4-Bromophenyl-phenylether	10.80	248	347882	46.755 ng	96
68) Hexachlorobenzene	10.87	284	374506	49.616 ng	98
69) Atrazine	10.97	200	306690	55.397 ng	96
70) Pentachlorophenol	11.07	266	386178	88.780 ng	99
71) Phenanthrene	11.28	178	1647019	51.724 ng	98
72) Anthracene	11.33	178	1671189	51.375 ng	99
73) Carbazole	11.49	167	1489597	48.424 ng	98
74) Di-n-butylphthalate	11.83	149	2105160	52.057 ng	100
75) Fluoranthene	12.47	202	1722501	50.134 ng	98
78) Pyrene	12.70	202	1704868	56.251 ng	99
80) Butylbenzylphthalate	13.32	149	776562	52.803 ng	98
81) Benzo(a)anthracene	13.89	228	1202890	50.859 ng	99
83) Chrysene	13.93	228	1266180	52.687 ng	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1034207	51.929 ng	99
85) Di-n-octyl phthalate	14.50	149	1620726	47.795 ng	100
86) Indeno(1,2,3-cd)pyrene	16.71	276	1129009	53.295 ng	99
88) Benzo(b)fluoranthene	14.92	252	1091332	51.782 ng	99
89) Benzo(k)fluoranthene	14.94	252	1013264	55.722 ng	99
90) Benzo(a)pyrene	15.26	252	899809	50.779 ng	100
91) Dibenzo(a,h)anthracene	16.73	278	925272	58.948 ng	99
92) Benzo(g,h,i)perylene	17.13	276	944705	60.973 ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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